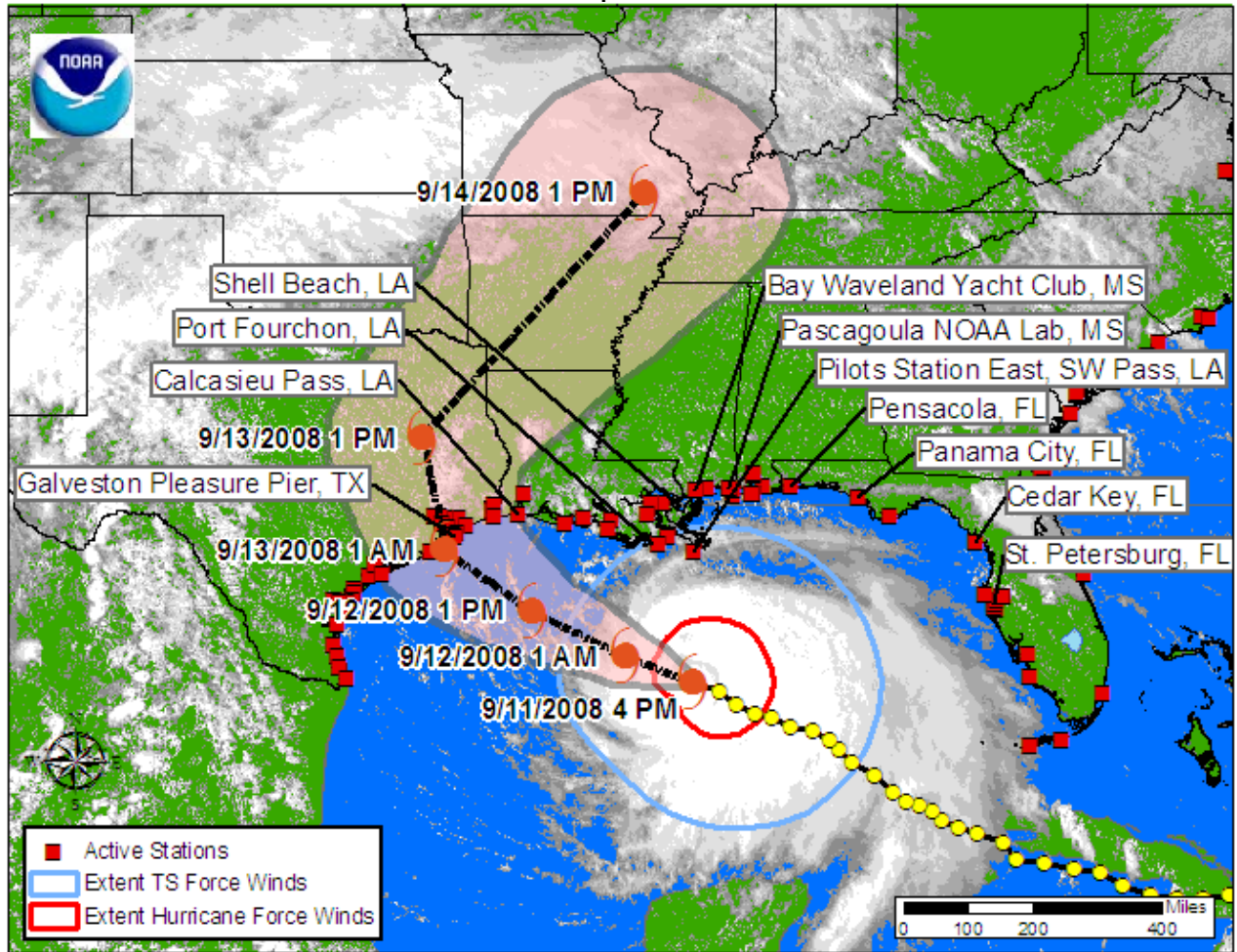




Hurricane IKE QuickLook
Posted: 17:00 CDT 09/11/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/11/2008 17:00 CDT, water levels are rising along the Gulf coast from the Florida panhandle to Texas. Water levels along the Mississippi and southeastern Louisiana coasts are elevated by 3 to 6 feet with the highest water levels being recorded at Shell Beach, LA. Water levels from Port Fourchon, LA westward to Galveston Pleasure Pier, TX are elevated by about 2 feet. Water levels eastward along the Florida coast from Pensacola to St. Petersburg are elevated 1.5 to 3.5 feet above predictions with the highest levels along the western Florida panhandle. Water levels have begun to fall at Cedar Key and St. Petersburg, FL. Barometric pressure is falling along the Louisiana and Texas coast. Winds are increasing across Mississippi and Louisiana with winds at Pilots Station East, SW Pass, LA recording frequent gusts over 50 knots.

Water Level and Meteorological plots available below are updated automatically. Water level

predictions relative to Mean Lower Low Water are:

Pascagoula NOAA Lab, MS: Next predicted high tide is 1.46 ft (0.45 m) at 09/12/2008 08:42 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.90 ft (0.58 m) at 09/12/2008 10:27 CDT.

Shell Beach, LA: Next predicted high tide is 1.47 ft (0.45 m) at 09/12/2008 12:27 CDT.

Pilots Station East, SW Pass, LA: Next predicted high tide is 1.56 ft (0.48 m) at 09/12/2008 07:30 CDT.

Port Fourchon, LA: Next predicted high tide is 1.68 ft (0.51 m) at 09/12/2008 08:09 CDT.

Calcasieu Pass, LA: Next predicted high tide is 2.10 ft (0.64 m) at 09/12/2008 03:24 CDT.

Galveston Pleasure Pier, TX: Next predicted high tide is 2.32 ft (0.71 m) at 09/12/2008 03:27 CDT.

Pensacola, FL: Next predicted high tide is 1.71 ft (0.52 m) at 09/12/2008 09:21 CDT.

Panama City, FL: Next predicted high tide is 1.65 ft (0.50 m) at 09/12/2008 08:42 CDT.

Cedar Key, FL: Next predicted high tide is 4.00 ft (1.22 m) at 09/12/2008 12:24 EDT.

St. Petersburg, FL: Next predicted high tide is 1.82 ft (0.55 m) at 09/12/2008 02:09 EDT.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE IKE ADVISORY NUMBER 43

400 PM CDT THU SEP 11 2008

...IKE HEADED FOR THE NORTHWESTERN GULF OF MEXICO...

A HURRICANE WARNING IS IN EFFECT FROM MORGAN CITY LOUISIANA TO BAFFIN BAY TEXAS. HURRICANE CONDITIONS COULD REACH THE COAST WITHIN THE WARNING AREA BY LATE FRIDAY.

A TROPICAL STORM WARNING AND A HURRICANE WATCH ARE IN EFFECT FROM SOUTH OF BAFFIN BAY TO PORT MANSFIELD TEXAS.

A TROPICAL STORM WARNING IS IN EFFECT FROM EAST OF MORGAN CITY TO THE MISSISSIPPI-ALABAMA BORDER...INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN.

AT 400 PM CDT THE CENTER OF HURRICANE IKE WAS LOCATED ABOUT 510 MILES EAST-SOUTHEAST OF CORPUS CHRISTI TEXAS AND ABOUT 400 MILES EAST-SOUTHEAST OF GALVESTON TEXAS.

IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 10 MPH AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 24 HOURS...WITH A TURN TO THE NORTHWEST EXPECTED LATE FRIDAY. ON THE FORECAST TRACK...THE CENTER OF IKE WILL BE VERY NEAR THE UPPER-TEXAS COAST BY LATE FRIDAY. HOWEVER...BECAUSE IKE IS A VERY LARGE TROPICAL CYCLONE...WEATHER WILL DETERIORATE ALONG THE COASTLINE LONG BEFORE THE CENTER REACHES THE COAST.

MAXIMUM SUSTAINED WINDS ARE NEAR 100 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. IKE IS FORECAST TO BECOME A MAJOR HURRICANE PRIOR TO REACHING THE COASTLINE.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES.

THE LATEST MINIMUM CENTRAL PRESSURE ESTIMATED FROM AIRCRAFT RECONNAISSANCE DATA WAS 950 MB...28.05 INCHES.

COASTAL STORM SURGE FLOODING OF UP TO 20 FT ABOVE NORMAL TIDE LEVELS...ALONG WITH LARGE AND DANGEROUS BATTERING WAVES...CAN BE EXPECTED NEAR AND TO THE EAST OF WHERE THE CENTER OF IKE MAKES LANDFALL...EXCEPT AT THE HEADS OF BAYS...WHERE SURGE FLOODING OF UP TO 25 FT COULD OCCUR. COASTAL STORM SURGE FLOODING OF 6 TO 8 FEET ABOVE NORMAL TIDE LEVELS...ALONG WITH LARGE AND DANGEROUS WAVES...CAN BE EXPECTED WITHIN THE TROPICAL STORM WARNING AREA ALONG THE NORTHERN GULF COAST. ABOVE NORMAL TIDES IN THE EASTERN GULF OF MEXICO SHOULD GRADUALLY SUBSIDE OVER THE NEXT DAY OR SO.

IKE IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 5 TO 10 INCHES ALONG THE MIDDLE AND UPPER TEXAS COAST AND OVER PORTIONS OF SOUTHWESTERN LOUISIANA...WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE.

FORECASTER FRANKLIN

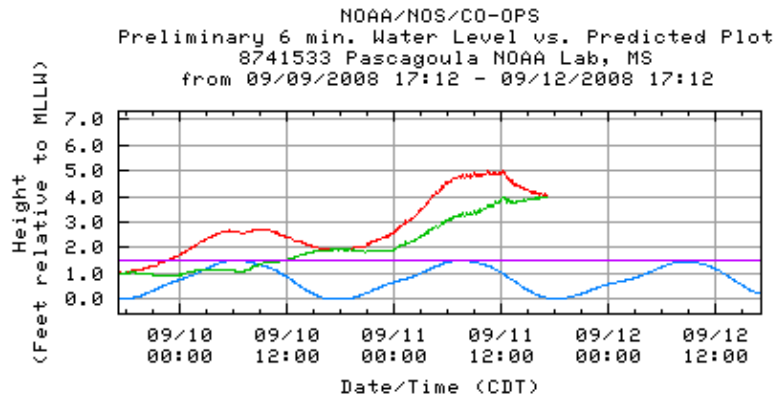
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Shell Beach - Air/Water Temp](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [Port Fourchon - Water Level](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier](#)

Hurricane IKE QuickLook, POSTED 17:00 CDT 09/11/2008

- Winds, Galveston Pleasure Pier - Barometric, Pensacola - Water Level, Panama City - Water Level, Panama City - Winds, Cedar Key - Water Level, St. Petersburg - Water Level,

Pascagoula NOAA Lab, MS - Station Map [Return to List](#)

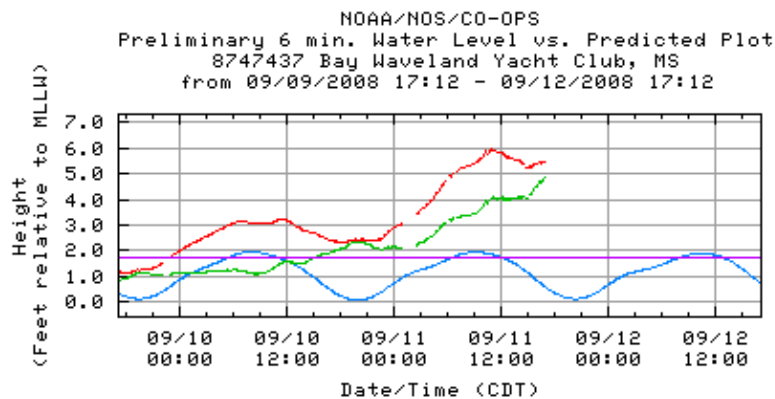


Last Observed Sample: 09/11/2008 17:06 (CDT)

Relative to **MLLW**: **Observed: 4.06 ft. Predicted: 0.07 ft. Residual: 3.99 ft.**

Historical Maximum Water Level: n/a

Bay Waveland Yacht Club, MS - Station Map [Return to List](#)

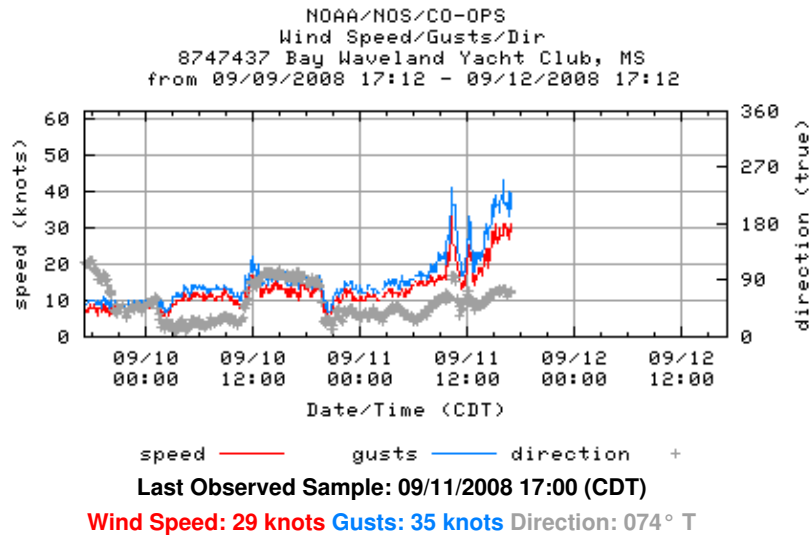


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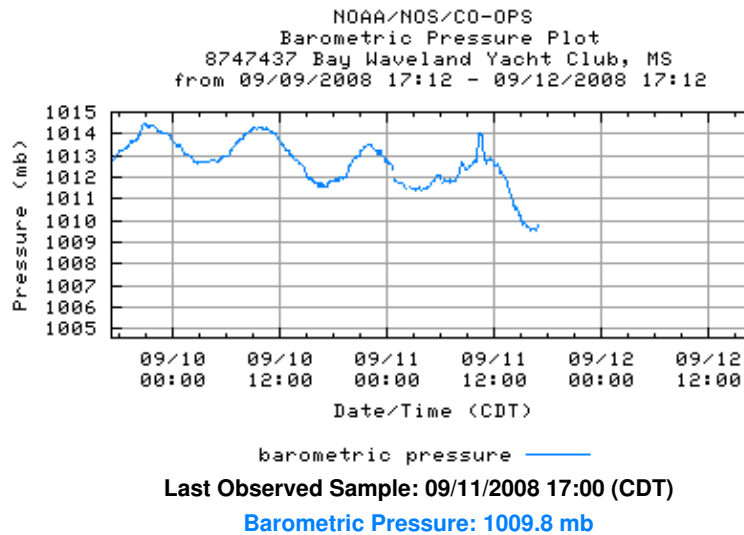
Relative to **MLLW**: **Observed: 5.44 ft. Predicted: 0.61 ft. Residual: 4.83 ft.**

Historical Maximum Water Level: 10/28/1985, 5.05 ft. above **MHHW**

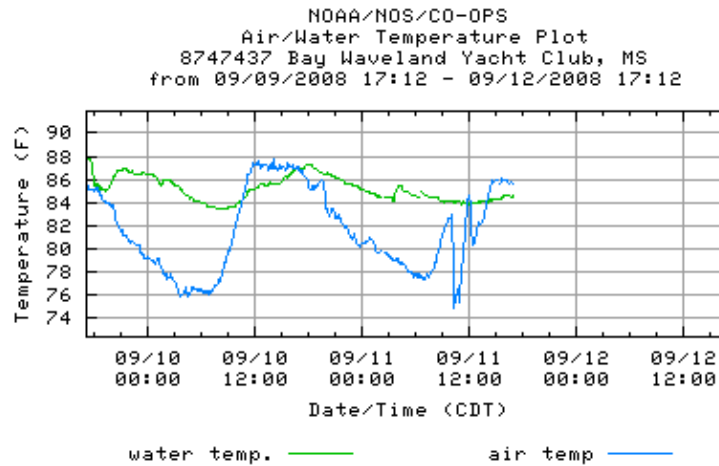
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



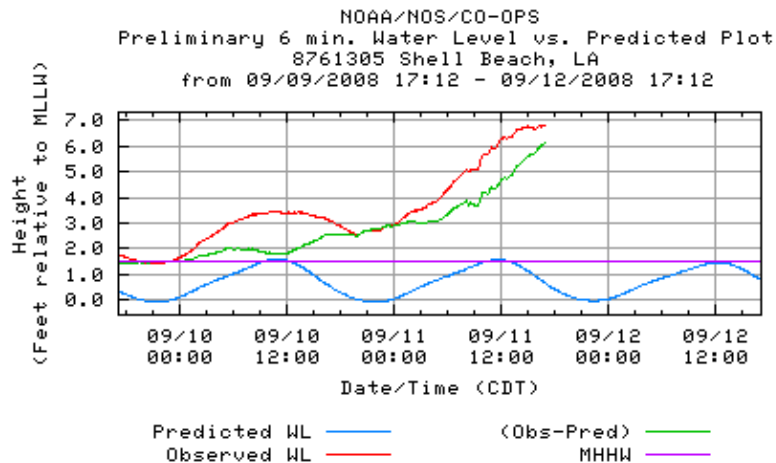
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 17:00 (CDT)

Water Temperature: 84.6° F Air Temperature: 85.7° F

Shell Beach, LA - Station Map [Return to List](#)

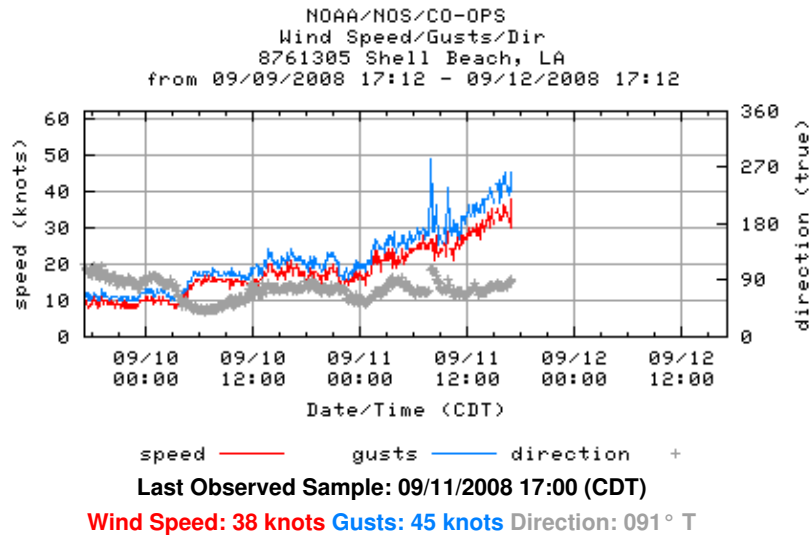


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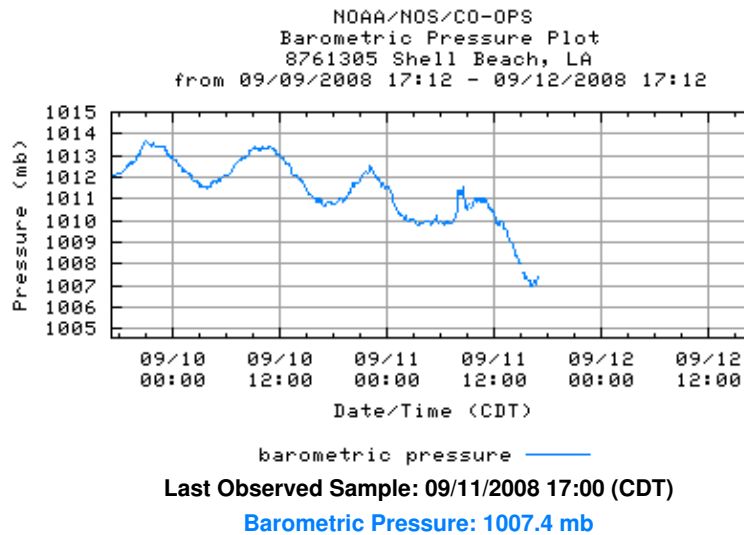
Relative to **MLLW**: Observed: 6.80 ft. Predicted: 0.67 ft. Residual: 6.13 ft.

Historical Maximum Water Level: 01/20/1983, 5.69 ft. above **MHHW**

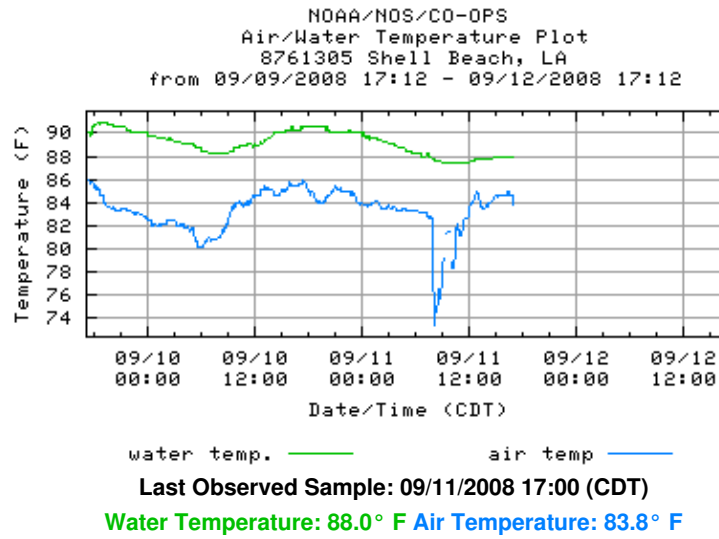
Shell Beach, LA - Station Map [Return to List](#)



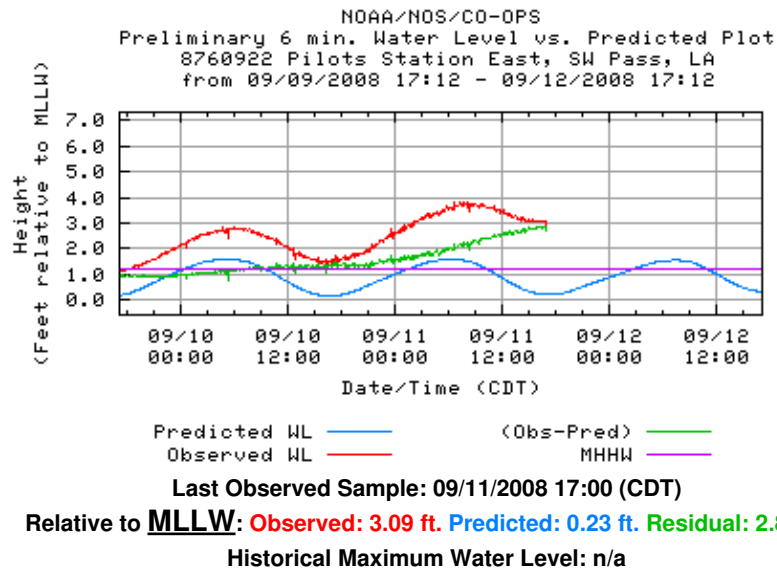
Shell Beach, LA - Station Map [Return to List](#)



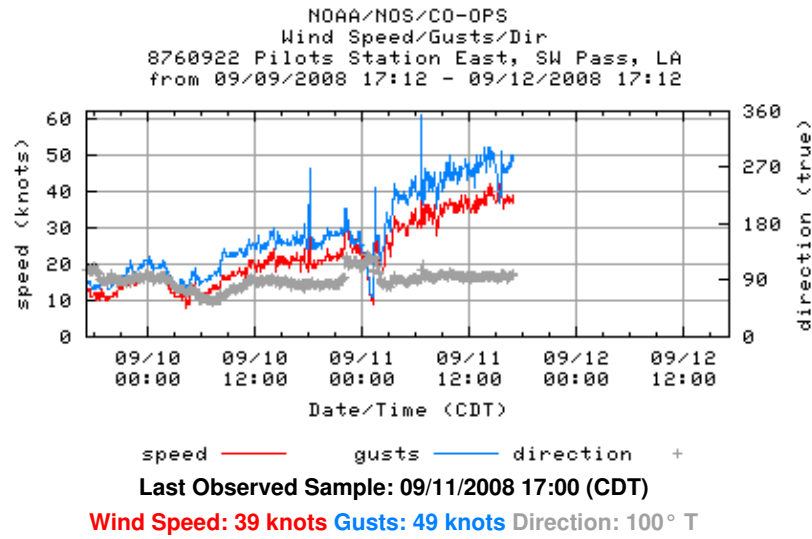
Shell Beach, LA - Station Map [Return to List](#)



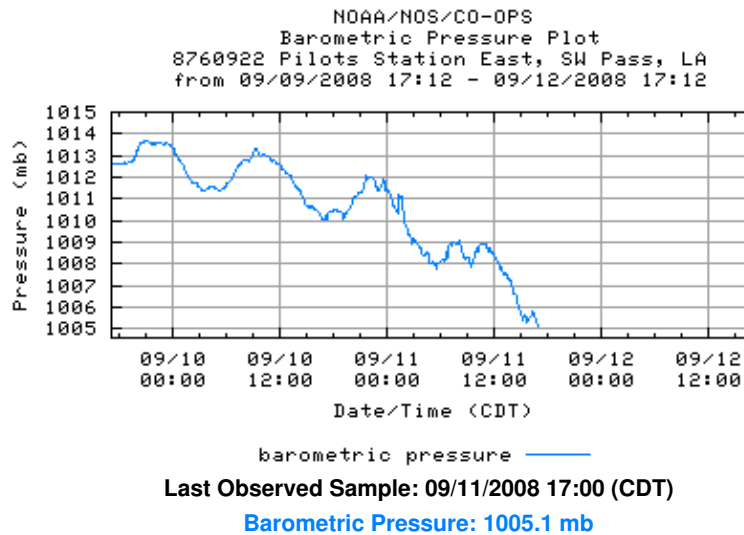
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



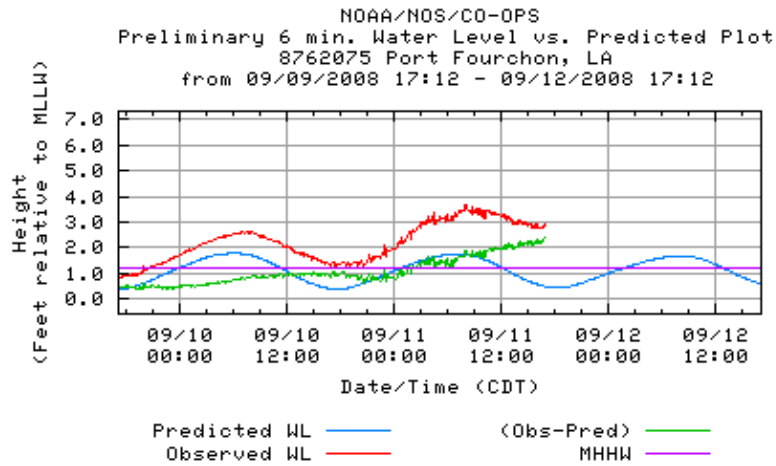
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Port Fourchon, LA - Station Map [Return to List](#)

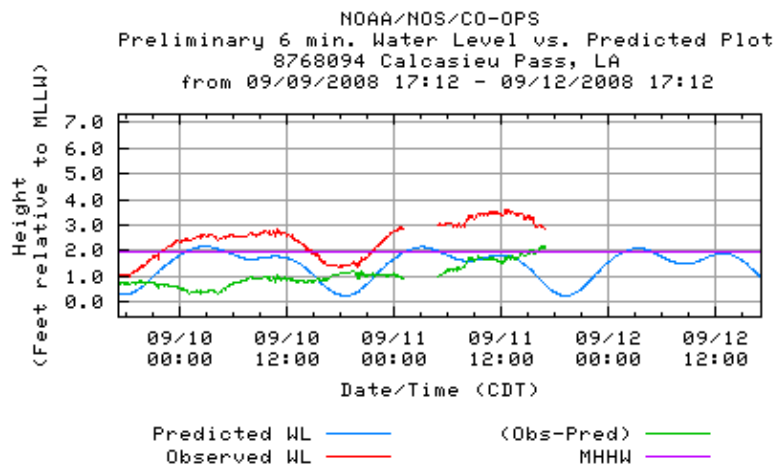


Last Observed Sample: 09/11/2008 17:00 (CDT)

Relative to **MLLW**: **Observed: 2.89 ft. Predicted: 0.50 ft. Residual: 2.39 ft.**

Historical Maximum Water Level: 09/24/2005, 3.8 ft. above **MHHW**

Calcasieu Pass, LA - Station Map [Return to List](#)

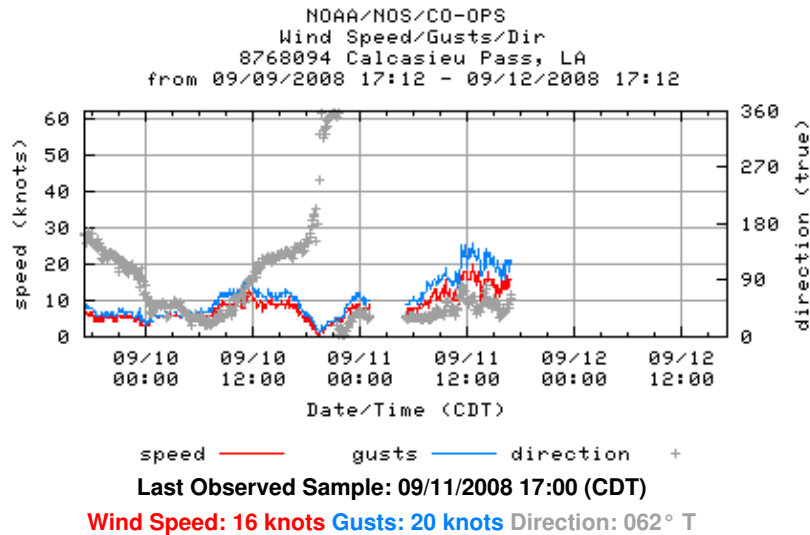


Last Observed Sample: 09/11/2008 17:00 (CDT)

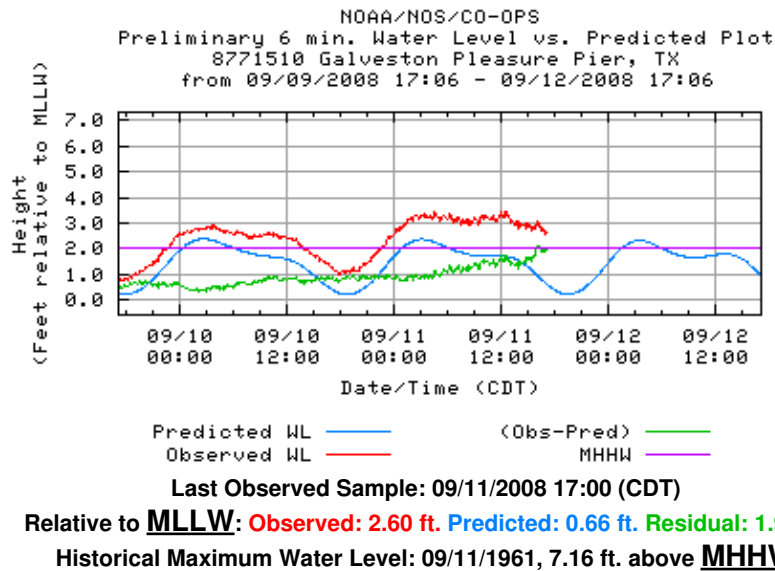
Relative to **MLLW**: **Observed: 2.84 ft. Predicted: 0.69 ft. Residual: 2.15 ft.**

Historical Maximum Water Level: n/a

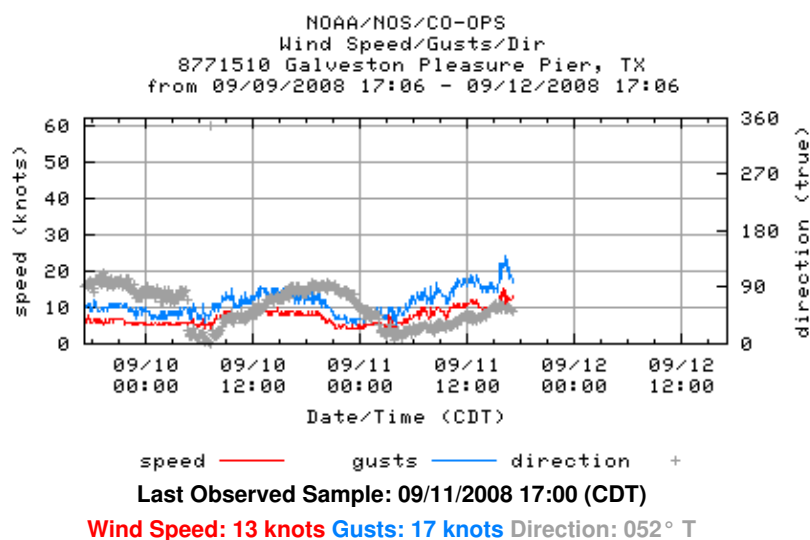
Calcasieu Pass, LA - Station Map [Return to List](#)



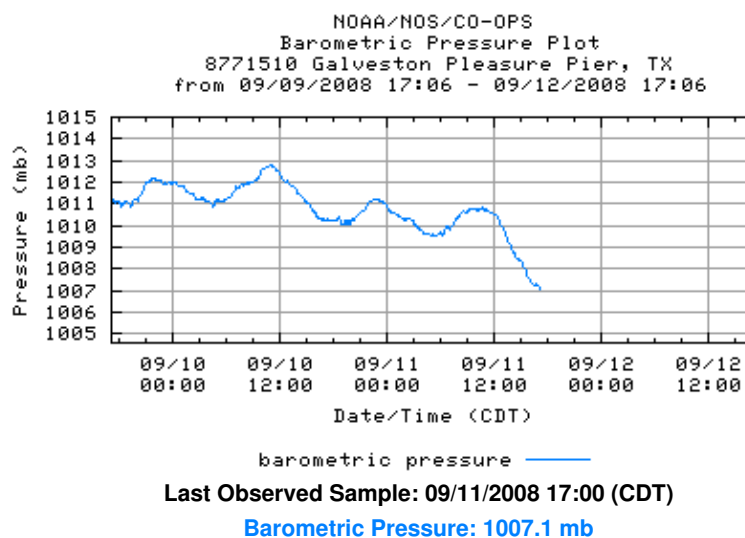
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



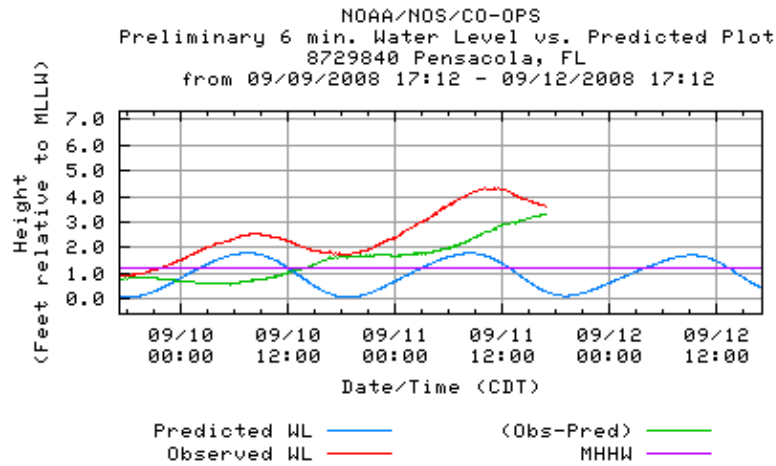
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Pensacola, FL - Station Map [Return to List](#)

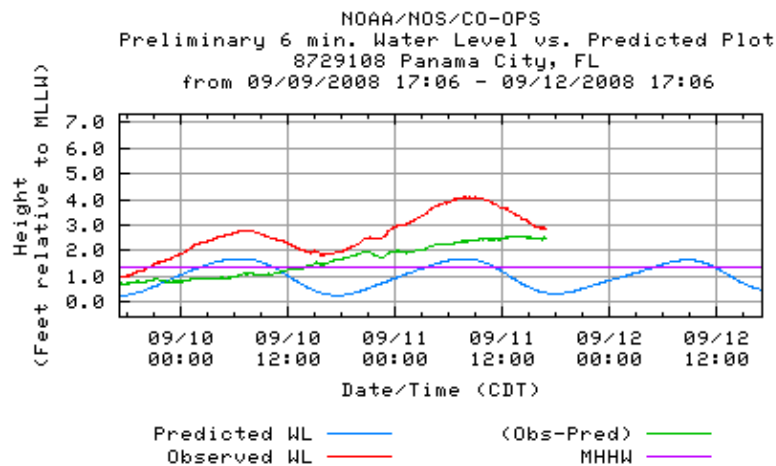


Last Observed Sample: 09/11/2008 17:00 (CDT)

Relative to **MLLW**: **Observed: 3.58 ft. Predicted: 0.30 ft. Residual: 3.28 ft.**

Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

Panama City, FL - Station Map [Return to List](#)

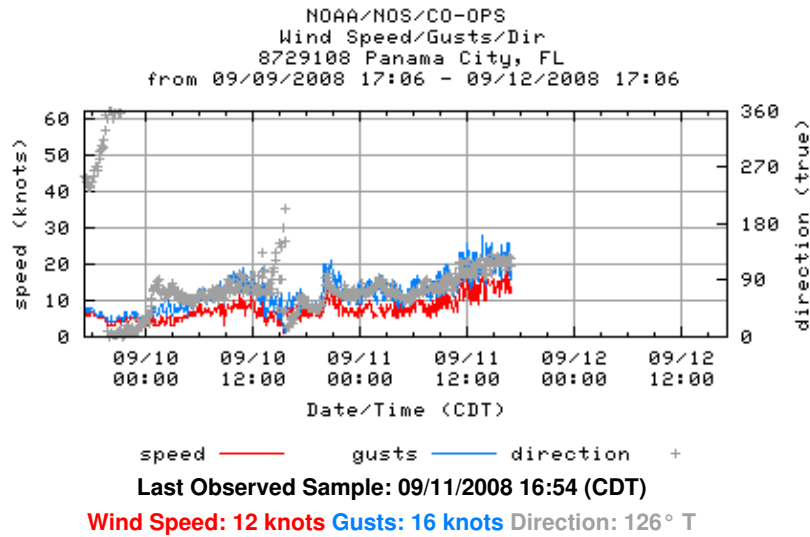


Last Observed Sample: 09/11/2008 16:54 (CDT)

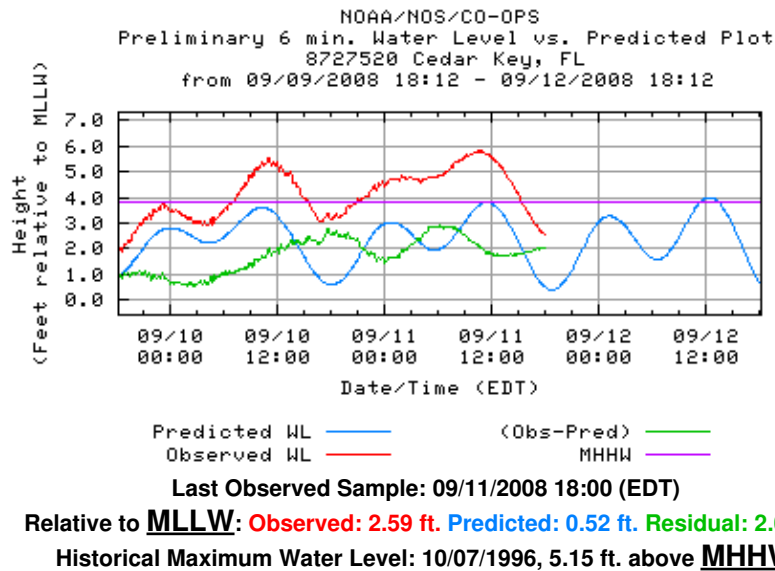
Relative to **MLLW**: **Observed: 2.83 ft. Predicted: 0.37 ft. Residual: 2.46 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

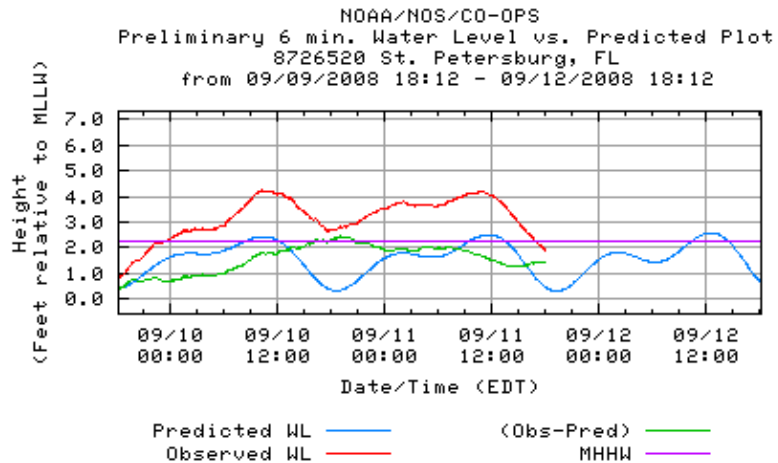
Panama City, FL - Station Map [Return to List](#)



Cedar Key, FL - Station Map [Return to List](#)



St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 18:00 (EDT)

Relative to **MLLW**: **Observed: 1.92 ft. Predicted: 0.48 ft. Residual: 1.44 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above MHHW

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce